

### **REMARKS**

Claims 1-25 are pending in the instant application. No claims have been added. Claims 23 and 25 have been cancelled. Therefore, upon entry of the Amendment, claims 1-22, and 24 will be pending.

Claims 1, 17, and 18 are allowed.

Claim 2-16 would be allowable if amended to overcome the objections below.

Claims 19-21 would be allowable if rewritten or amended to overcome the rejections under 35 U.S.C. § 112.

### **Specification**

The abstract was objected to because it is short. Applicants have amended the abstract to provide more detail and length.

### **Claims Objections**

Claims 2-16 and 25 were objected to because of informalities. The informalities have been corrected. The limitation of Claim 25 has been added to claim 24. A two-layer zero-forcing decoding example is provided starting at page 11 of the application.

### **Claims Rejections – 35 U.S.C. § 112**

Claims 19-21 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly

claim the subject matter which applicant regards as the invention. Claim 19 has been amended to show that the indexes are a set greater than zero.

### **Claims Rejections – 35 U.S.C. § 102**

Claims 22 and 24 were rejected under 35 U.S.C. § 102(e) as being anticipated by Zhang United States Patent Number 6,928,120. The limitation of claim 23 has been added to claim 22. The limitation of claim 25 has been added to claim 24.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

Respectfully submitted:

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